

# XS1M30MA250L2

inductive sensor XS1 M30 - L60mm - brass -  
Sn10mm - 24..240VAC/DC - cable 10m



Price\* : 103.08 GBP



## Main

|                                    |  |
|------------------------------------|--|
| Range of product                   | OsiSense XS  |
| Series name                        | General purpose  |
| Sensor type                        | Inductive proximity sensor   |
| Wiring configuration               | 2-wire   |
| Output circuit type                | AC/DC  |
| Protection type                    | Short-circuit protection   |
| Device application                 | 2-wire DC short-circuit protection   |
| Sensor name                        | XS1  |
| Sensor design                      | Cylindrical M30  |
| Size                               | 60 mm  |
| Body type                          | Fixed  |
| Detector flush mounting acceptance | Flush mountable  |
| Material                           | Metal  |
| Type of output signal              | Discrete   |
| Wiring technique                   | 2-wire   |
| [Sn] nominal sensing distance      | 10 mm  |
| Discrete output function           | 1 NO   |
| Electrical connection              | Cable  |
| Cable length                       | 10 m   |
| [Us] rated supply voltage          | 24...210 V DC<br>24...240 V AC 50/60 Hz  |
| Switching capacity in mA           | 5...300 mA AC with overload and short-circuit protection<br>5...200 mA DC with overload and short-circuit protection |
| IP degree of protection            | IP68 double insulation conforming to IEC 60529   |

## Complementary

|             |           |
|-------------|-----------|
| Thread type | M30 x 1.5 |
|-------------|-----------|

|                          |  |
|--------------------------|--|
| Detection face           | Frontal  |
| Front material           | PPS  |
| Enclosure material       | Nickel plated brass                                      |
| Operating zone           | 0...8 mm   |
| Differential travel      | 1...15% of Sr  |
| Cable composition        | 2 x 0.34 mm <sup>2</sup>                                 |
| Wire insulation material | PvR  |
| Status LED               | Output state: 1 LED (yellow)<br>Supply on: 1 LED (green) |
| Supply voltage limits    | 20...264 V AC/DC   |
| Maximum residual current | 1.5 mA open state  |
| Switching frequency      | <= 2000 Hz DC<br><= 25 Hz AC                             |
| Maximum voltage drop     | <5.5 V (closed state)                                    |
| Maximum delay first up   | 70 ms  |
| Maximum delay response   | 2 ms   |
| Maximum delay recovery   | 5 ms   |
| Marking                  | CE   |
| Threaded length          | 51 mm  |
| Height                   | 30 mm  |
| Length                   | 60 mm  |
| Product weight           | 0.525 kg<br>0.205 kg                                     |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | UL<br>CCC<br>CSA  |
| Ambient air temperature for operation | -25...70 °C   |
| Ambient air temperature for storage   | -40...85 °C   |
| Vibration resistance                  | 25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance                      | 50 gn for 11 ms conforming to IEC 60068-2-7                             |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End of Life Information</a>   |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|